

INDEX TO CONTENTS OF 1992 AMS

Vol. 6 1992

No. 1

Special Issue on Atmosphere-Land / Ocean Interaction and Climatic Effect

- The Effects of the Arctic Sea Ice on the Variations of Atmospheric General Circulation and Climate
 *Huang Shisong* (黄士松), *Yang Xiuqun* (杨修群) and *Xie Qian* (谢倩) (1)
- A Numerical Study for Mechanism of the Effect of Northern Summer Arctic Ice Cover on the Global Short-Range
 Climate Change *Ni Yunqi* (倪允琪), *Zhang Qin* (张勤) and *Li Yuedong* (李跃东) (15)
- The East Asia / Pacific Pattern Teleconnection of Summer Circulation and Climate Anomaly in East Asia
 *Huang Ronghui* (黄荣辉) (25)
- Interaction between Atmosphere and Ocean and Teleconnection in the Atlantic during the Cold Season
 *Jiang Quanrong* (蒋全荣) and *J. M. Wallace* (38)
- Reconstruction of El Nino Event Chronology for the Last 600 Year Period *Wang Shaowu* (王绍武) (47)
- Influence of Soil Moisture and Vegetation on Climate Changes Induced by Thermal Forcing
 *Liu Yongqiang* (刘永强), *Ye Duzheng* (叶笃正) and *Ji Jinjun* (季劲钧) (58)
- Numerical Simulations of Heating Anomaly Effects of Tibetan Plateau on Circulation in Summer
 *Qian Yongfu* (钱永甫), *Liu Xiaodong* (刘晓东) and *Zhong Zhong* (钟中) (70)
- The Characters of Energy Budget on the Gobi and Desert Surface in Hexi Region
 *Hu Yingqiao* (胡应桥), *Yang Xuanli* (杨选利), *Zhang Qiang* (张强) and *Zuo Hongchao* (左洪超) (82)
- Turbulence Structure and Transfer Characteristics in the Surface Layer of HEIFE Gobi Area
 *Wang Jiemin* (王介民), *Liu Xiaohu* (刘晓虎) and *Ma Yaoming* (马耀明) (92)
- Preliminary Analysis of the Atmospheric Radiative Heating Fields in Autumn in the Mid-Latitude Arid Areas of
 China *Ji Guoliang* (季国良), *K. N. Liou*, *S. C. Ou* and *M. D. Chou* (105)
- Influence of El Nino on Weather and Climate in China *Liu Yongqiang* (刘永强) and *Ding Yihui* (丁一汇) (117)

No. 2

- Three-Dimensional Mesoscale Modeling of Meteorological Fields over Zhujiang (Pearl) River Delta
 *Shi Yongnian* (施永年) and *Roger A. Pielke* (133)
- Numerical Experiments on the Tropical Air-Sea Interaction Waves
 *Zhang Renhe* (张人禾) and *Chao Jiping* (巢纪平) (148)
- Characteristics of the Northern Hemisphere 500 hPa Diabatic Heat Flow Field in Years of El Nino and
 Anti-El Nino
 *Zhang Jijia* (章基嘉), *Li Yueqing* (李跃清), *Lei Zhaozhong* (雷兆崇) and *Sun Zhaobo* (孙照渤) (159)
- Seasonal Changes of Soil Moisture Induced by Increased CO₂ as Simulated by the Atmospheric General
 Circulation and Mixed Layer Ocean Model *Zhao Zongci* (赵宗慈) and *M. E. Schlesinger* (170)

INDEX TO CONTENTS OF 1992 AMS

Vol. 6 1992

No. 1

Special Issue on Atmosphere-Land / Ocean Interaction and Climatic Effect

- The Effects of the Arctic Sea Ice on the Variations of Atmospheric General Circulation and Climate
.....Huang Shisong(黄士松), Yang Xiuqun(杨修群) and Xie Qian(谢倩) (1)
- A Numerical Study for Mechanism of the Effect of Northern Summer Arctic Ice Cover on the Global Short-Range
Climate Change Ni Yunqi(倪允琪), Zhang Qin(张勤) and Li Yuedong(李跃东) (15)
- The East Asia / Pacific Pattern Teleconnection of Summer Circulation and Climate Anomaly in East Asia
.....Huang Ronghui(黄荣辉) (25)
- Interaction between Atmosphere and Ocean and Teleconnection in the Atlantic during the Cold Season
.....Jiang Quanrong(蒋全荣) and J. M. Wallace (38)
- Reconstruction of El Nino Event Chronology for the Last 600 Year Period Wang Shaowu(王绍武) (47)
- Influence of Soil Moisture and Vegetation on Climate Changes Induced by Thermal Forcing
.....Liu Yongqiang(刘永强), Ye Duzheng(叶笃正) and Ji Jinjun(季劲钧) (58)
- Numerical Simulations of Heating Anomaly Effects of Tibetan Plateau on Circulation in Summer
.....Qian Yongfu(钱永甫), Liu Xiaodong(刘晓东) and Zhong Zhong(钟中) (70)
- The Characters of Energy Budget on the Gobi and Desert Surface in Hexi Region
.....Hu Yingqiao(胡应桥), Yang Xuanli(杨选利), Zhang Qiang(张强) and Zuo Hongchao(左洪超) (82)
- Turbulence Structure and Transfer Characteristics in the Surface Layer of HEIFE Gobi Area
.....Wang Jiemin(王介民), Liu Xiaohu(刘晓虎) and Ma Yaoming(马耀明) (92)
- Preliminary Analysis of the Atmospheric Radiative Heating Fields in Autumn in the Mid-Latitude Arid Areas of
China Ji Guoliang(季国良), K. N. Liou, S. C. Ou and M. D. Chou (105)
- Influence of El Nino on Weather and Climate in China Liu Yongqiang(刘永强) and Ding Yihui(丁一汇) (117)

No. 2

- Three-Dimensional Mesoscale Modeling of Meteorological Fields over Zhujiang (Pearl) River Delta
.....Shi Yongnian(施永年) and Roger A. Pielke (133)
- Numerical Experiments on the Tropical Air-Sea Interaction Waves
.....Zhang Renhe(张人禾) and Chao Jiping(巢纪平) (148)
- Characteristics of the Northern Hemisphere 500 hPa Diabatic Heat Flow Field in Years of El Nino and
Anti-El Nino
.....Zhang Jijia(章基嘉), Li Yueqing(李跃清), Lei Zhaozhong(雷兆崇) and Sun Zhaobo(孙照渤) (159)
- Seasonal Changes of Soil Moisture Induced by Increased CO₂ as Simulated by the Atmospheric General
Circulation and Mixed Layer Ocean Model Zhao Zongci(赵宗慈) and M. E. Schlesinger (170)

- Research on Interannual Change about Teleconnection of General Circulation in Summer during 1980s over the Northern Hemisphere *Sun Anjian* (孙安健), *Song Lianchun* (宋连春), *He Sulan* (何素兰) and *Tang Guoli* (唐国利) (179)
- Evaluation of Models for Estimation of Net Radiation for Alpine Sloping Surfaces *Huo Zonghui* (霍总会) and *W. G. Bailey* (189)
- Study of Physical Processes Affecting the Transformation of Cold Air over Land after Outbreak of Cold Waves in East Asia *Zhao Qiang* (赵强) and *Ding Yihui* (丁一汇) (198)
- Instability Properties of Atmospheric Disturbances *Yong. L. McHall* (213)
- A Preliminary Study of Snow Mass Variations in China over the Past 30 Years *Li Peiji* (李培基) (231)
- Numerical Investigation on Setting up the Observational Station in HEIFE (Summer) *Gu Hongdao* (顾弘道), *Cheng Linsheng* (程麟生) and *Yang Debao* (杨德保) (238)
- Elementary View of Greenhouse Effect of the Atmospheres of Various Planets *H. L. Kuo* (251)
- The Detection of Climate Abrupt Change with Mann-Kendall Rank Statistics *Wang Qiang* (王强) and *Fu Congbin* (符琮斌) (254)
- 12 Hour Precipitation Forecasts for Nairobi, Kenya. *S. A. Hakeem* (261)

No. 3

- A Study of Numerical Modelling on the Development of Depressions in the South China Sea *Li Chongyin* (李崇银) and *Yan Jinghua* (阎敬华) (265)
- Effect of Arctic Ice Cover on the Monthly Temperature and Precipitation in China *Chen Yinsheng* (陈寅生) and *Chen Longxun* (陈隆勋) (275)
- Study of Characteristic Modes in Simple Tropical Coupled Air-Sea Model *Zhang Xiangdong* (张向东) (287)
- A Numerical Study on the Medium-Range Responses of the Atmosphere to the Abnormal Soil Moisture *Yan Qimin* (燕启民) and *Zheng Qinglin* (郑庆林) (299)
- Influences of Topography on Baroclinic Solitary Rossby Waves in a Multilevel Model *Lu Keli* (吕克利) and *H. R. Cho* (311)
- A Map of Local Pattern Analogue Coefficient—A Tool for Displaying Circulation Anomaly *Wang Panxing* (王盘兴) (325)
- A Dynamical Study of the Flow Field in the PBL over Large-Scale Topography *Zhao Ming* (赵鸣) (332)
- A Numerical Study of the PBL Conditions over Reclaimed Grassland *Chen Wanlong* (陈万隆), *Chen Yi-Leng* (陈宇能) and *Chen Jiang* (陈江) (345)
- Numerical Study on the Local Wind Structures Forced by the Complex Terrain of Qingdao Area *Wu Zengmao* (吴增茂) and *K. Heinke Schlunzen* (355)
- Calculating Study of Electric Field Acting on Vorticity in Thunderstorms *Zhang Yijun* (张义军) and *Yan Muhong* (言穆弘) (367)
- A Spectrum of Lyapunov Exponents Obtained from a Chaotic Time Series *Yan Shaojing* (严绍瑾), *Peng Yongqing* (彭永清) and *Wang Jianzhong* (王健中) (379)

Notes

- A Numerical Experiment of Dynamic Effect of Qinghai-Xizang Plateau on Summer Atmospheric Low Frequency Variation
 Zhang Jijia (章基嘉), Sun Zhaobo (孙照渤), Chen Baode (陈葆德) and Yuan Jianqiang (袁建强) (386)
- The Lyapunov Stability of Nonlinear Wave Motion in the Barotropic Nondivergent Atmosphere
 Luo Dehai (罗德海) (390)

No. 4

- Analyses of the Dynamic Effects on Winter Circulation of the Two Main Mountains in the Northern Hemisphere
 —I: Relationship among General Circulation, Teleconnection and Stationary Waves
 Zou Xiaolei (邹晓蕾), Ye Duzheng (叶笃正) and Wu Guoxiong (吴国雄) (395)
- Analyses of the Dynamic Effects on Winter Circulation of the Two Main Mountains in the Northern Hemisphere
 —II: Vertical Propagation of Planetary Waves
 Zou Xiaolei (邹晓蕾), Wu Guoxiong (吴国雄) and Ye Duzheng (叶笃正) (408)
- The Impact of NOAA Satellite Sounding Data on the Systematic Forecast Error of B-Model
 Wang Zonghao (王宗皓), Mao Jianping (毛建平) and Huang Jihong (黄继红) (421)
- Variations in the Teleconnection Intensity Indices and Their Remote Response to the El Nino Events in the Northern Hemisphere.....
 Zhu Qiangen (朱乾根) and Shi Neng (施 能) (433)
- Development of Internal Inertial Gravity Waves in the Atmosphere with Heterogeneous Stratification
 Zhao Ping (赵 平) and Sun Shuqing (孙淑清) (446)
- A Numerical Experiment with the Effect of a Complicated Terrain on the Mesoscale Systems.....
 Shou Shaowen (寿绍文) and Zhang Shuyu (张书余) (452)
- The Alternate-Seasonal Correlation of Long-Range Weather Process
 Lin Xuechun (林学椿) and Zhang Ruixue (张瑞雪) (462)
- The Relationship between Tropical Pacific Sea Surface Temperatures and Summer Rainfall over Northern China
 Zhu Bingyuan (朱炳瑗) and Li Dongliang (李栋梁) (470)
- A High Resolution Model for Chemical Species Exchange in Troposphere
 Lei Xiao'en (雷孝恩) (479)
- Analysis of Cloud-to-Ground Lightning Characteristics in Mesoscale Storm in Beijing Area
 Ge Zhengmo (葛正漠), Yan Muhong (言穆弘), Guo Changming (郭昌明) and Zhang Guangshu (张广庶) (491)
- Observation and Model Analyses of Positive Cloud-to-Ground Lightning in Mesoscale Convective Systems
 Yan Muhong (言穆弘), Guo Changming (郭昌明), Qie Xiushu (邸秀书) et al. (501)
- Impact of Humidity Data on the Prediction of Onset Vortex with a Limited Area Model
 Anuradha Kulkarni, S. S. Vaidya and S. S. Singh (511)
- Asian Dust Workshop Held in USA.....
 Gao Yuan (519)
- Index to Contents of 1992 AMS (520)

